



National Aeronautics and
Space Administration

John H. Glenn Research Center
Lewis Field

Lewis' Educational and Research Collaborative Internship Program

2001 FELLOWSHIPS FOR SECONDARY TEACHERS

Program Description

Fellowships of a 10-week duration for secondary science and math teachers are available during the summer at the NASA Glenn Research Center, Cleveland, Ohio. The fellowships are offered under the auspices of Lewis' Educational Research Collaborative Internship Program (L.E.R.C.I.P.), a collaborative undertaking by the Office of Educational Programs at the NASA Glenn Research Center and the Ohio Aerospace Institute (OAI).

The fellowships are intended to provide teachers with professional experiences to enhance their academic skills and abilities in the classroom. Teachers are given assignments in research and development areas under the mentorship of NASA professional staff members.

Teachers are integrated into the day-to-day activities of the Center to the greatest extent possible. A certain amount of time is devoted to a program of scheduled educational, professional, and social events.

Glenn Research Center (<http://www.grc.nasa.gov>)

The NASA Glenn Research Center defines and develops advanced technology for high-priority national needs. The work of the Center is directed toward new propulsion, power, and communications technologies for application to aeronautics and space, so that U.S. leadership in these areas is ensured. Glenn has been designated as the NASA Lead Center for Aeropropulsion. The Center's aeropropulsion program plays a significant role in the Agency's goals to promote economic growth and national security through safe, superior, and environmentally compatible U.S. civil and military aircraft propulsion systems.

NASA Glenn is also NASA's Center of Excellence in Turbomachinery. The Center is committed to developing new and innovative technology and leveraging its computational, analytical, and experimental expertise in turbomachinery to future aerospace programs. Glenn leads NASA's research in the microgravity science disciplines of fluid physics, combustion science, and some materials science. Many shuttle and space station science missions have an experiment managed by Glenn.

Located in the Great Lakes region of Ohio, the Glenn Research Center occupies a 350-acre site, adjacent to Cleveland Hopkins International Airport, upon which the main campus is built. The Center comprises over 150 buildings, which contain a unique collection of world-class facilities. Over 3600 people staff Glenn, including civil service employees and support service contractors. Over one-half of them are scientists and engineers, who plan, conduct, or oversee, and report on the research tasks and projects of the Center. Technical specialists, skilled workers, and an administrative staff assist them. Cleveland is home to professional sports teams, a world-class orchestra, and several museums.

To learn more about the research activities and programs conducted at Glenn, you are encouraged to review our NASA homepage: <http://www.grc.nasa.gov>

Available Internship Tenure Dates for 2001:

Start Dates

June 4, 2001

June 18, 2001

End Dates

August 10, 2001

August 24, 2001

Eligibility

Fellowships are available to U.S. citizens who are employed full-time as secondary school teachers.

Application

Formal application is required. All teachers are required to serve a tenure period of 10 weeks (see cover for available start dates). The period requested generally has no effect on selection. Fellowships do not provide for vacation time and such time should be scheduled outside the tenure period. Application forms or additional information may be obtained by contacting

OAI
Attn: L.E.R.C.I.P.
22800 Cedar Point Road
Cleveland, Ohio 44142
Telephone: 440-962-3170 Ext. 5006

L.E.R.C.I.P. application materials must be received no later than January 31, 2001.

Selection Process

Teachers are selected for fellowships on the basis of the suitability of their interests and experience to opportunities that exist in Glenn Organizations. Interest and experience that are science-related are generally advantageous.

Salary

The 2001 salary rate for secondary school teachers is \$1500 bi-weekly. Salary checks are issued bi-weekly by OAI.

The normal statutory withholdings will be withheld. The tax portion withheld will depend on the tax status of each individual.

Travel Allowances

One round trip travel reimbursement is provided to students whose city of permanent residence is more than 50 miles from Cleveland and who relocate for the program. Reimbursement is based on shortest-route mileage at 32.5 cents per mile and is paid after tenure begins. This amount must not exceed \$500.00.

Housing

Faculty must make their own housing arrangements. This program does not provide living expenses. If a list of short-term accommodations is desired, check the appropriate box on the signature page.

Please understand that the housing list has been assembled for your convenience from responses to newspaper advertisements we have placed in local newspapers for accommodations for our summer visitors. We have not checked these accommodations and do not advocate them over other accommodations you may find on your own.

Schedule

Selected applicants will be notified by mail by April 15, 2001.

Lewis' Educational and Research Collaborative Internship Program (L.E.R.C.I.P.)

APPLICATION FOR SECONDARY SCHOOL TEACHER SUMMER FELLOWSHIP

Please type or print in black ink only

Full name: _____
(Last) (First) (Middle)

Social Security Number: _____

Date of Birth: _____

Place of Birth: _____
(City, State)

U.S. Citizen? ☐ YES ☐ NO

Current Position and School: _____

Home Address: _____

School Address _____

Telephone: () _____

Telephone: () _____

E-Mail Address: _____

E-Mail Address: _____

Highest Academic Degree, Field, School, and Year: _____

Are you working towards a degree? ☐ YES ☐ NO

If YES, give degree, field, school, and date expected: _____

Special Field of Knowledge: _____

OFFICE USE ONLY

Date Received: _____

Bi-Weekly Salary: \$ _____

Date Processed: _____

PR Requirement: \$ _____

Background Information

Internship areas of interest: _____

Work Experience: _____

Special Training or Skills (include major field of study courses): _____

Computer Experience: _____

Honors or Awards: _____

Additional Information: _____

Narrative Statement

In the space below, write a narrative statement that indicates your internship areas of interest, career goals, and the educational plan you intend to use to reach those goals. Also describe how you and NASA will benefit if you are selected for this program.

[illegible]

Requested start date of tenure (see application cover page):

From: _____ To: _____
(date) (date)

Have you previously participated in this program? ☐ YES ☐ NO If so, what year(s): _____

Is any member of your family employed at the NASA Glenn Research Center? ☐ YES ☐ NO

If YES, please identify the employee and the relationship: _____

Professional References (name, title, telephone):

1. _____

2. _____

If a short-term housing list is desired, check the following: ☐

I certify by my signature below that I understand and agree that any misrepresentation or inaccurate information on this completed application will be cause for disqualification for consideration and from participation in the L.E.R.C.I.P. I also understand that if selected to participate, I must participate for the full duration of the program and failure to do so will result in the immediate termination of my internship.

Signature: _____ Date: _____

Deadline date for receipt of applications is January 31, 2001.

Send the completed application and three copies to

OAI
Attn: L.E.R.C.I.P.
Department of Workforce Enhancement
22800 Cedar Point Road
Cleveland, OH 44142

Selected applicants will be notified by mail by April 15, 2001.

APPLICATION PACKAGE CHECKLIST

Before completing this application, you should read it thoroughly. Special attention should be given to eligibility requirements, dates, and deadlines.

Required information: (Check when completed)

- ☐ *Completed and signed application with three complete copies*
- ☐ *Background Survey (optional)*

**ALL COMPLETED AND SIGNED APPLICATIONS MUST BE RECEIVED BY
January 31, 2001**

Completed application and three copies should be sent
to the following address:

OAI
Attn: L.E.R.C.I.P.
Department of Workforce Enhancement
22800 Cedar Point Road
Cleveland, OH 44142

**Please be advised that incomplete applications or
applications received after January 31, 2001
will not be considered or processed.**

L.E.R.C.I.P.

BACKGROUND SURVEY

(Completion of this form is optional)

Name: _____ School: _____

☐ High School ☐ College ☐ NASA Scholar ☐ Teacher

How did you learn of the internship?

- ☐ (a) Previous participation
- ☐ (b) Acquaintance who was a previous participant of this program
- ☐ (c) Inquiry to NASA about summer employment
- ☐ (d) Group visit to the Center
- ☐ (e) Relative who works for NASA or a NASA contractor
- ☐ (f) Acquaintance who works for NASA or NASA contractor
- ☐ (g) Participation in another NASA program
- ☐ (h) Faculty member or school official
- ☐ (i) NASA Homepage
- ☐ (j) Office of Educational Programs Homepage
- ☐ (k) Other: _____

Please review the categories below and categorize yourself by checking the appropriate items.

- ☐ (1) American Indian or Alaskan Native
- ☐ (2) Asian or Pacific Islander
- ☐ (3) African-American
- ☐ (4) Caucasian
- ☐ (5) Hispanic
- ☐ (6) Other: _____

- ☐ (M) Male
- ☐ (F) Female

Disabled: ☐ Yes ☐ No

If Yes, please indicate disability: _____

The information solicited on this form will not be available to those responsible for reviewing applications but will be used by OAI primarily to determine the extent to which various populations are represented in the applicant pool.